

**AMENDMENTS TO THE SPECIFICATION**

**Page 4, paragraph [0012], delete in its entirety, and replace with the following:**

[0012] In the acceleration sensor, it is preferable that a surface of the mass portion top plate facing the mass portion upper end is substantially the same in shape and in area as a region surrounded by crossing lines of a plane including the mass portion upper end with planes extended along the side surfaces of the mass portion toward the mass portion top plate from the side surfaces of the mass portion, and that a surface of the frame top plate facing the frame upper end is substantially the same in shape and in area as a region provided between crossing lines of a plane including the frame upper end with planes extended along the inner side surfaces of the frame toward the frame top plate from the inner side surfaces of the frame and crossing lines of a plane including the frame upper end with planes extended along an outer side surfaces of the frame toward the frame top plate from the outer side surfaces of the frame.

**Page 6, paragraph [0021], delete in its entirety, and replace with the following:**

[0021] In the acceleration sensor, it is preferable that a surface of the mass portion top plate facing the mass portion upper end is substantially the same in shape and in area as a region surrounded by crossing lines of a plane including the mass portion upper end with planes extended along the side surfaces of the mass portion toward the mass portion top plate from the side surfaces of the mass portion, and that a surface of the frame top plate facing the frame upper end is substantially the same in shape and in area as a region provided between crossing lines of a plane including the frame upper end with planes extended along the inner side surfaces of the frame toward the frame top plate from the inner side surfaces of the frame and crossing lines of a

plane including the frame upper end with surfaces extended along an outer side surfaces of the frame toward the frame top plate from the outer side surfaces of the frame.

**Page 10, paragraph [0050], (spanning pages 10 and 11), delete in its entirety, and replace with the following:**

[0050] A cross section on which the protruding portion 44 connects to the elastic support arm 10 is a region 47 hatched with diagonal lines from upper left to lower right in FIG. 5 and the area of the cross section is the same as the cross section of the elastic support arm 10 and a product of the thickness (defined by the thickness of the mass portion top plate) of the elastic support arm 10 and the width of the arm 10. On the other hand, a cross section of the top plate 40 on the boundary between the bonded portion ~~44-42~~ and the protruding portion ~~42-44~~ of the mass portion top plate 40 is a region 49 hatched with diagonal lines from upper right to lower left in FIG. 5 and the area is a product of the thickness of the mass portion top plate 40 and a side length of the adhesion layer.